Title (en)

METHOD AND APPARATUS FOR TRANSMITTING DATA

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERTRAGUNG VON DATEN

Title (fr)

PROCÉDÉ ET APPAREIL DE TRANSMISSION DE DONNÉES

Publication

EP 3764696 B1 20230118 (EN)

Application

EP 19784294 A 20190320

Priority

- CN 201810313053 A 20180409
- CN 2019078815 W 20190320

Abstract (en)

[origin: EP3764696A1] This application provides a data transmission method and apparatus. The method includes: sending, by a terminal, a first request message to an SMF, where the first request message is used to request to perform a UPF local broadcast breakout on unicast flow data; and receiving, by the terminal, a response message for the first request message. The first request message is used to request to perform the UPF local broadcast breakout on the unicast flow data, so that a UPF that manages a broadcast session does not forward the received unicast flow data to an AS, but directly performs the broadcast breakout on the received unicast flow data locally (that is, on the UPF that manages the broadcast session). Therefore, a length of a transmission path for the unicast flow data is reduced, and a transmission delay of the unicast flow data that needs to be broadcast in a small range is reduced.

IPC 8 full level

H04W 4/40 (2018.01); **H04W 40/02** (2009.01); **H04W 72/12** (2009.01)

CPC (source: CN EP US)

H04L 45/38 (2013.01 - EP); **H04W 4/06** (2013.01 - CN); **H04W 4/40** (2018.01 - CN US); **H04W 4/44** (2018.01 - CN); **H04W 4/46** (2018.01 - CN); **H04W 8/082** (2013.01 - EP); **H04W 40/02** (2013.01 - EP US); **H04W 40/24** (2013.01 - EP); **H04W 76/12** (2018.01 - CN EP); **H04W 76/22** (2018.01 - CN US); **H04W 76/40** (2018.01 - CN EP US); H04W 4/40 (2018.01 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3764696 A1 20210113; **EP 3764696 A4 20210317**; **EP 3764696 B1 20230118**; AU 2019250861 A1 20201022; AU 2019250861 B2 20220407; CN 110366131 A 20191022; CN 110366131 B 20210212; US 2021022063 A1 20210121; WO 2019196608 A1 20191017

DOCDB simple family (application)

EP 19784294 A 20190320; AU 2019250861 A 20190320; CN 201810313053 A 20180409; CN 2019078815 W 20190320; US 202017064296 A 20201006